

ABSTRACT

A method is disclosed that comprises modifying a method's byte code instructions for purposes of testing, debugging and/or monitoring. Additional byte code instructions are inserted into the method's byte code instructions at an entry point of the method and at an exit point of the method. The first additional byte code instruction causes a first output function to be executed for the method as a consequence of the entry point being reached during runtime. The second additional byte code instruction causes a second output function to be executed for the method as a consequence of the exit point being reached during runtime. The Application of the method to Distributed Statistical Record (DSR) keeping is also disclosed.